

MAY 19 2006

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/718223	
	Filing Date	11/20/2003	
	First Named Inventor	Jain	
	Art Unit	2883	
	Examiner Name	Healy	
Total Number of Pages in This Submission	28	Attorney Docket Number	A304

ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input checked="" type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input checked="" type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input checked="" type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks Note - only representative sheets of drawing are included. Drawings were sent earlier. CCK		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	Carl Kling	
Signature	Carl C. Kling	
Printed name	Carl Kling	
Date	05/19/2006	Reg. No. 19137

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature	Carl C. Kling	
Typed or printed name	Carl C. Kling	Date 05/19/2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

MAY 19 2006

FTO/SB/17 (01-06)

Approved for use through 07/31/2006. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

**FEE TRANSMITTAL**  
**For FY 2006**☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 750

**Complete if Known**

Application Number	10 / 718,223
Filing Date	11/20/2003
First Named Inventor	Jain
Examiner Name	Healy
Art Unit	2883
Attorney Docket No.	A304

**METHOD OF PAYMENT (check all that apply)**☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify):☒ Deposit Account Deposit Account Number: 11-1257 Deposit Account Name: Kling

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

<b>Total Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>	<b>Multiple Dependent Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 20 or HP =	x	=				

HP = highest number of total claims paid for, if greater than 20.

<b>Indep. Claims</b>	<b>Extra Claims</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 3 or HP =	x	=	

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

<b>Total Sheets</b>	<b>Extra Sheets</b>	<b>Number of each additional 50 or fraction thereof</b>	<b>Fee (\$)</b>	<b>Fee Paid (\$)</b>
- 100 =	/ 50 =	(round up to a whole number) x	=	

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Revival Fee, Abandoned Unintentionally

Fees Paid (\$)

\$750

**SUBMITTED BY**

Signature	<i>Carl C. Kling</i>	Registration No. (Attorney/Agent)	19137	Telephone	914/345-2442 X304
Name (Print/Type)	Carl C. Kling			Date	05/19/2006

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

**RECEIVED**  
**CENTRAL FAX CENTER**

**MAY 19 2006**

PTO/SB/64 (10-05)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b)</b>	<b>Docket Number (Optional)</b> A 304
--	--

First named inventor: Jain

Application No.: 10/718223

Art Unit: 2883

Filed: 11/20/2003

Examiner: Brian Healy

Title: PHOTONIC-ELECTRONIC CIRCUIT BOARDS

Attention: Office of Petitions  
Mail Stop Petition  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450  
FAX (571) 273-8300

05/22/2006 STEUMEL1 00000047 111257 10718223

01 FC:2453 750.00 DA

NOTE: If information or assistance is needed in completing this form, please contact Petitions Information at (571) 272-3282.

The above-identified application became abandoned for failure to file a timely and proper reply to a notice or action by the United States Patent and Trademark Office. The date of abandonment is the day after the expiration date of the period set for reply in the office notice or action plus an extensions of time actually obtained.

#### APPLICANT HEREBY PETITIONS FOR REVIVAL OF THIS APPLICATION

NOTE: A grantable petition requires the following items:

- (1) Petition fee;
- (2) Reply and/or issue fee;
- (3) Terminal disclaimer with disclaimer fee - required for all utility and plant applications filed before June 8, 1995; and for all design applications; and
- (4) Statement that the entire delay was unintentional.

#### 1. Petition fee

☒ Small entity-fee \$ 750 (37 CFR 1.17(m)). Applicant claims small entity status. See 37 CFR 1.27.

☐ Other than small entity - fee \$ (37 CFR 1.17(m))

#### 2. Reply and/or fee

A. The reply and/or fee to the above-noted Office action in the form of corrected drawings (identify type of reply):

☒ has been filed previously on 04/04/2006 (also 05/10/2006) is enclosed herewith.

B. The issue fee and publication fee (if applicable) of \$ 1000.

☒ has been paid previously on 01/27/2006 is enclosed herewith.

(Page 1 of 2)

This collection of information is required by 37 CFR 1.137(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/64 (10-05)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## 3. Terminal disclaimer with disclaimer fee

- ☒ Since this utility/plant application was filed on or after June 8, 1995, no terminal disclaimer is required.
- ☐ A terminal disclaimer (and disclaimer fee (37 CFR 1.20(d)) of \$ \_\_\_\_\_ for a small entity or \$ \_\_\_\_\_ for other than a small entity) disclaiming the required period of time is enclosed herewith (see PTO/SB/63).

4. STATEMENT: The entire delay in filing the required reply from the due date for the required reply until the filing of a grantable petition under 37 CFR 1.137(b) was unintentional. [NOTE: The United States Patent and Trademark Office may require additional information if there is a question as to whether either the abandonment or the delay in filing a petition under 37 CFR 1.137(b) was unintentional (MPEP 711.03(c), subsections (III)(C) and (D)).]

## WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

Carl C. Kling  
Signature

05/19/2006

Date

Carl C. Kling

19137

Typed or printed name

Registration Number, if applicable

Anvik Corporation

(914) 245-2442 X304

Address

Telephone Number

6 SKYLINE DR. HAWTHORNE, NY 10532

Address

Enclosures: ☒ Fee Payment☐ Reply☐ Terminal Disclaimer Form☒ Additional sheets containing statements establishing unintentional delay☐ Other: \_\_\_\_\_

## CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]

I hereby certify that this correspondence is being:

☐ Deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop Petition, Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

☒ Transmitted by facsimile on the date shown below to the United States Patent and Trademark Office as (571) 273-8300.

May 19, 2006

Date

Carl C. Kling  
Signature

Carl C. Kling

Typed or printed name of person signing certificate

RECEIVED  
CENTRAL FAX CENTER  
MAY 19 2006

Commissioner for Patents

Docket: A304

Application of Kanti Jain and Carl C. Kling  
Serial Number 10/718223  
Filed 11/20/2003

Art Unit: 2883  
Examiner: Brian Healy

TITLE: PHOTONIC-ELECTRONIC CIRCUIT BOARDS

Date : May 19, 2006

**LETTER ACCOMPANYING PETITION TO REVIVE; SUMMARIZING  
SEQUENCE OF EVENTS LEADING TO NOTICE OF ABANDONMENT**

Sir:

This letter summarizes the sequence of events leading to apparent abandonment. For safety reasons, this letter is included with a Petition to Revive so as to make the most powerful case for reviving this important patent application, which has been allowed and for which the final fee and publication fee have been paid.

The Petitions Attorney is asked to review these events and to authorize revival of the patent application. The petition is in form of PETITION FOR REVIVAL OF AN APPLICATION FOR PATENT ABANDONED UNINTENTIONALLY UNDER 37 CFR 1.137(b). The \$750 fee is paid by a charge to Deposit Account 12-1157, which provides for refund if appropriate.

**SEQUENCE**

01/18/2006 NOTICE OF ALLOWANCE

01/27/2006 FEE TRANSMITTAL

02/07/2006 Notice Regarding Drawings

04/04/2006 TRANSMITTAL OF CORRECTED DRAWINGS  
(With Certification of Mailing)

04/14/2006 NOTICE OF NON-COMPLIANT AMENDMENT  
(Mailed to Chicago law firm of Marshall, Gerstein & Borun, LLP)  
[Dates-tamped "APR 24" (illegible) and Docketed "5/14/06"] This notice included a one-month or 30-day extension of time.]

05/09/2006 Warning telephone call to Carl Kling from attorney at Marshall firm.

05/10/2006 Copy received by Carl Kling by FAX Carl Kling determined that the reason for the notice being sent to Chicago was his own copying error on the serial number on the transmittal sheet. The USPTO mailed according to the serial number erroneously put on the 04/04/2006 transmittal sheet by Mr. Kling.

[Serial number 10/718223 inadvertently copied by Mr. Kling as 10/718233. Computer obviously mailed to the attorney of record for the erroneously-numbered application.]

05/10/2006 Corrected drawings Express-Mailed to USPTO with Certificate dated 5/10/2006. Express Mail receipt is dated "5 10 06"

05/11/2006 Notice of Abandonment

[Apparently this notice was sent in response to the 02/07/2006 Notice Regarding Drawings with no knowledge that the drawing corrections of 04/04/2006 and additional corrections of 05/10/2006 had been received in the USPTO.]

05/12/2006 Notice of Abandonment received. Telephone calls to Examiner at USPTO ascertained that the Examiner had work hours on Tuesdays to Thursdays. Numerous telephone calls determined that the May 10 transmittal of drawings had apparently arrived at the USPTO but apparently the extension of time of the 04/14/2006 Office Communication had not been entered. The communications thus indicate that a Petition to Withdraw Holding of Abandonment would be appropriate, since the drawing corrections did in fact arrive on time, prior to May 14, 2006.

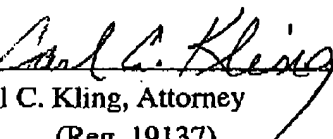
SUMMARY

Revival is requested. Applicants and Counsel have done their utmost to avoid delay, consistent with review of the facts and the law.

Note that the application has been allowed and all issue fees have been paid.

Respectfully,

Kanti Jain & Carl C. Kling, Inventors

By   
Carl C. Kling, Attorney  
(Reg. 19137)



## UNITED STATES PATENT AND TRADEMARK OFFICE

MAY 19 2006

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590 01/18/2006  
Anvik Corporation  
6 Skyline Drive  
Hawthorne, NY 10532

EXAMINER

HEALY, BRIAN

ART UNIT

PAPER NUMBER

2883

DATE MAILED: 01/18/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/718,223	11/20/2003	Kanti Jain	A304	9012

TITLE OF INVENTION: PHOTONIC-ELECTRONIC CIRCUIT BOARDS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	04/18/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN **THREE MONTHS** FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

## HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSL E  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
 or Fax (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

7590

01/18/2006

Anvik Corporation  
 6 Skyline Drive  
 Hawthorne, NY 10532

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

## Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

<u>Carl C. Kling</u>	(Depositor's name)
<u>Carl C. Kling</u>	(Signature)
<u>01/27/2006</u>	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/718,223	11/20/2003	Kanti Jain	A304	9012

TITLE OF INVENTION: PHOTONIC-ELECTRONIC CIRCUIT BOARDS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	YES	\$700	\$300	\$1000	04/18/2006

EXAMINER	ART UNIT	CLASS-SUBCLASS
HEALY, BRIAN	2883	385-014000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47, Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
 (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Carl C. Kling  
 2  
 3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Anvik Corporation

Hawthorne, NY

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.  
☐ Payment by credit card. Form PTO-2038 is attached.  
☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 01-2142 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☒ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Carl C. Kling

Date

01/27/2006

Typed or printed name

Carl C. Kling

Registration No.

19137

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NUMBER <b>10/718223</b>	FILING/RECEIPT DATE <b>11/20/2003</b>	FIRST NAMES APPLICANT <b><u>JAIN, KANTI</u></b>	ATTORNEY DOCKET NUMBER <b>A304</b>
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Examiner **HEALY, BRIAN**  
Art Unit **2883** Paper NumberAnvik Corporation  
6 Skyline Drive  
Hawthorne NY 10532

Date Mailed: 2/07/2006

**Notice Regarding Drawings**

Corrected drawings for the above-identified application, received in the USPTO on 11/20/2003, are still not acceptable for the reason(s) identified on the attached PTO-948. Applicant is given one opportunity to correct the informalities within a two-month time period from the mailing date of this Notice. **THIS TIME PERIOD IS NOT EXTENDABLE UNDER EITHER 37 CFR 1.136(a) OR 1.136(b).** Failure to take corrective action within the set period will result in abandonment of the application.

ATTACHMENT: PTO-948 Notice of Draftsperson's Patent Review

**RETURN CORRECTED DRAWINGS TO:**Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450Tyrone Johnson  
Office of Patent Publication,  
Publishing Division  
703-305-0333 #130

Form PTO-948 (Rev. 06/03)  
Application No. 10/718223

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

# NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 11/20/03 are:

- A. ☐ approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
B. ☒ objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. **DRAWINGS.** 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

☐ Color drawings are not acceptable until petition is granted. Fig(s) \_\_\_\_\_  
☐ Pencil and non black ink not permitted. Fig(s) \_\_\_\_\_

2. **PHOTOGRAPHS.** 37 CFR 1.84(b)  
☐ One (1) full-tone set is required. Fig(s) \_\_\_\_\_  
☐ Photographs may not be mounted. 37 CFR 1.84(e)  
☐ Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) \_\_\_\_\_  
☐ Poor quality (half-tone). Fig(s) \_\_\_\_\_

3. **TYPE OF PAPER.** 37 CFR 1.84(e)  
☐ Paper not flexible, strong, white, and durable. Fig(s) \_\_\_\_\_  
☐ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) \_\_\_\_\_

4. **SIZE OF PAPER.** 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or  
21.6 cm by 27.9 cm (8 1/2 x 11 inches)  
☐ All drawing sheets not the same size. Sheet(s) \_\_\_\_\_

☐ Drawings sheets not an acceptable size. Fig(s) \_\_\_\_\_

5. **MARGINS.** 37 CFR 1.84(g): Acceptable margins:  
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  
☐ Margins not acceptable. Fig(s) \_\_\_\_\_

☐ Top (T) ☐ Left (L)  
☐ Right (R) ☐ Bottom (B)

6. **VIEWS.** 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

☒ Views not labeled separately or properly. Fig(s) 3-5

7. **SECTIONAL VIEWS.** 37 CFR 1.84(h)(3)

☒ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) 3-5

8. **ARRANGEMENT OF VIEWS.** 37 CFR 1.84(i)  
☐ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) \_\_\_\_\_

9. **SCALE.** 37 CFR 1.84(k)  
☐ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) \_\_\_\_\_

10. **CHARACTER OF LINES, NUMBERS, & LETTERS.** 37 CFR 1.84(l)  
☒ Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 1, 2

11. **SHADING.** 37 CFR 1.84(m)  
☐ Solid black areas pale. Fig(s) \_\_\_\_\_  
☒ Solid black shading not permitted. Fig(s) 1, 2

12. **NUMBERS, LETTERS, & REFERENCE CHARACTERS.** 37 CFR 1.84(p)  
☐ Numbers and reference characters not plain and legible. Fig(s) \_\_\_\_\_

☐ Figure legends are poor. Fig(s) \_\_\_\_\_  
☐ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) \_\_\_\_\_

☐ English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) \_\_\_\_\_  
☐ Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) \_\_\_\_\_

13. **LEAD LINES.** 37 CFR 1.84(q)

☐ Lead lines missing. Fig(s) \_\_\_\_\_

14. **NUMBERING OF SHEETS OF DRAWINGS.** 37 CFR 1.84(t)

☐ Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) \_\_\_\_\_

15. **NUMBERING OF VIEWS.** 37 CFR 1.84(u)  
☐ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) \_\_\_\_\_

16. **DESIGN DRAWINGS.** 37 CFR 1.152  
☐ Surface shading shown not appropriate. Fig(s) \_\_\_\_\_  
☐ Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) \_\_\_\_\_

## COMMENTS:

- Enlarged views not labeled separately or properly  
Fig. 1, 7

Reviewer \_\_\_\_\_

If you have questions, call (703) 305-8404.

Date \_\_\_\_\_

Attachment to Paper No. \_\_\_\_\_

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PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/718288 23
	Filing Date	11/20/2003
	First Named Inventor	Jain
	Art Unit	2883
	Examiner Name	Healy
Total Number of Pages in This Submission	18	Attorney Docket Number A304

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input checked="" type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Notice of Draftpersons Patent Drawing Review
Remarks Corrected - # was shown as 10/718 233		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Anvik Corporation		
Signature	Carl C. Kling		
Printed name	Carl C. Kling		
Date	04/04/2006	Reg. No.	19137

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature	Carl C. Kling	
Typed or printed name	Carl C. Kling	Date 04/04/2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Application of : Kanti Jain                      Docket : A304  
Serial Number : 10/718223                      Filing Date : 11/20/2003  
Title : PHOTONIC-ELECTRONIC CIRCUIT BOARDS  
Art Unit : 2883  
Examiner : Brian Healy  
Date of This Response: April 4, 2006

**RESPONSE TO NOTICE OF DRAFTSPERSON'S**

**PATENT DRAWING REVIEW – DATED 02/06/2006**

The NOTICE OF DRAFTSPERSON'S DRAWING REVIEW included  
comments under the following paragraphs:

**Paragraph 6.                      VIEWS**

Figures 3, 4 and 5 are multiple-step composites with each step  
shown by a top view associated with the related cross-sectional view. Cross-  
sections are along lines now identified I --- I, II --- II and III --- III , respectively,  
in accordance with recommendations in the Notice. These steps are numbered

A304

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and are shown in the manner common in the industry for showing sequential processing of microelectronics devices.

Paragraph 7. SECTIONAL VIEWS

The sectional views shown in Figures 3, 4 and 5 are cross-sectioned along lines now identified I --- I, II --- II and III ---III , respectively, in accordance with recommendations in the Notice. The sectional portions of the numbered steps in the sequential processing of microelectronics devices, are shown in a manner common in the industry.

Paragraph 10. CHARACTER OF LINES, NUMBERS, AND LETTERS

Figures 1 and 2 are subject to a concern about poor line quality. Since the lines were computer-drawn and straight, the objection is considered to be primarily based upon concern for the black areas. The black areas have been eliminated except for very small features which are heavily shaded but still nearly black.

There may possibly also be a concern for lines drawn to different thicknesses. All very thin lines have been redrawn thicker, but the Chief Draftsperson is asked to accept that the lines, even as redrawn, continue to have varying thicknesses. This is intentional and necessary for clarity. The relatively-thin horizontal lines in Figure 1 are there to indicate that there is a surface to substrate base 1, upon which devices such as optical waveguides 2 and optical chips 4-7 sit. This variety of line width is likely in drawings of multi-layer microelectronic devices generally and especially in multi-layer multi-phenomenon photonic-electronic devices according to this invention.

#### COMMENT IN NOTICE

The enlargements in Figures 1 and 7 are subject to comment in the Notice. The enlargements are shown in the commonly-used small-circle-to-large-circle convention to show the placement and relative size of the subfeatures. Both Figure 1 and Figure 7 now have legends indicating these enlargements. The Written Description identifies items 2, 3, 8, 9 and 93 in Figure 1, and item 43' in Figure 7.

**Remarks:**

This paper accompanies corrected drawings. Counsel and Applicant have carefully scrutinized the corrected drawings for quality and to determine that the corrections do not require any changes to written description, claims or abstract. Keeping in mind the prohibitions against new matter, Counsel represents that the corrections to the drawings are properly made, fully based on the patent application as originally filed, and do not require any changes to written description, claims or abstract.

The most significant change in the figures is the softening of black areas pursuant to requirement by the Draftsperson. A second requirement, labeling of views, has been met by labeling the steps in Figures 3-9. These figures are composite depictions of sequential process steps characteristic of microelectronics production, and are shown in ways common to the industry. The application has been published. Accordingly, particular care has been

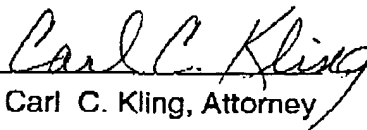


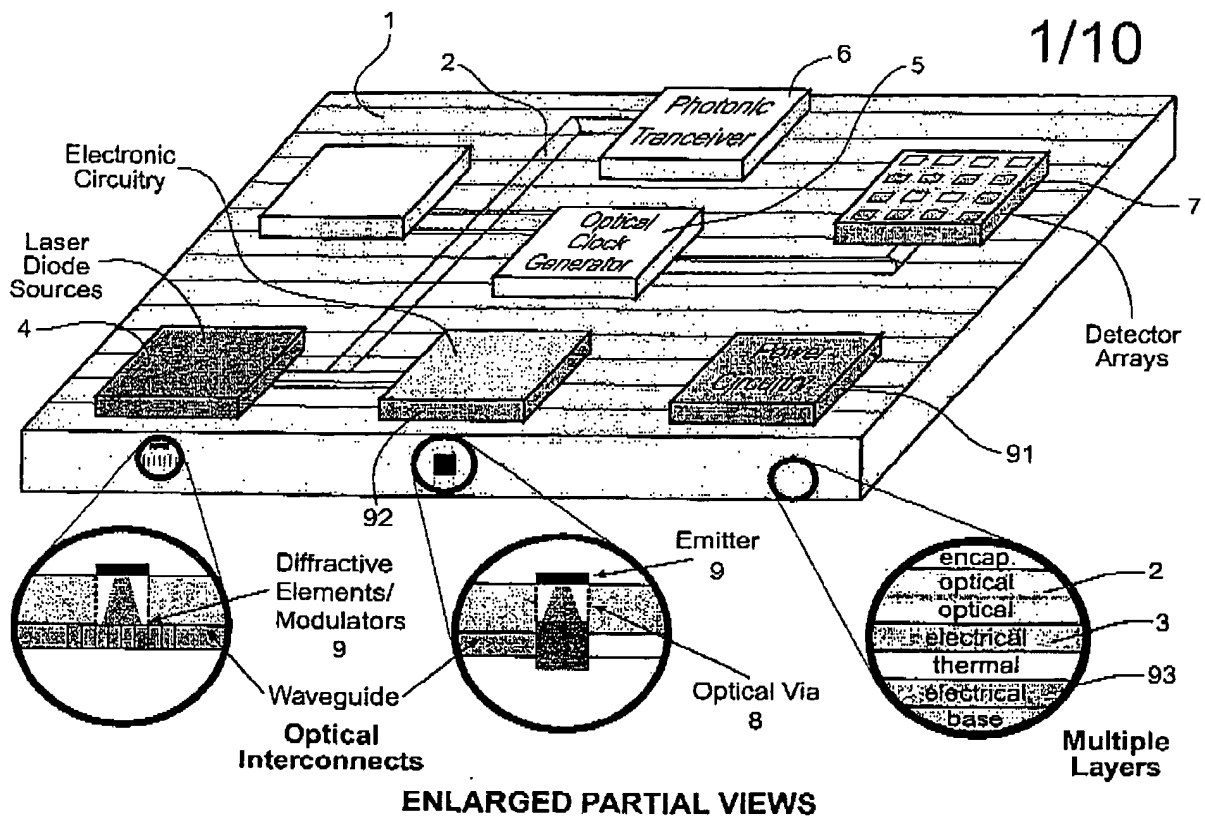
taken to avoid changes which might be confusing to those reviewing the patent and publication together.

The specification has been accepted in Notice of Allowance dated 01/18/2006. Final fee has been paid. The patent application is ready for printing subject to approval by the Chief Draftsperson, which is requested.

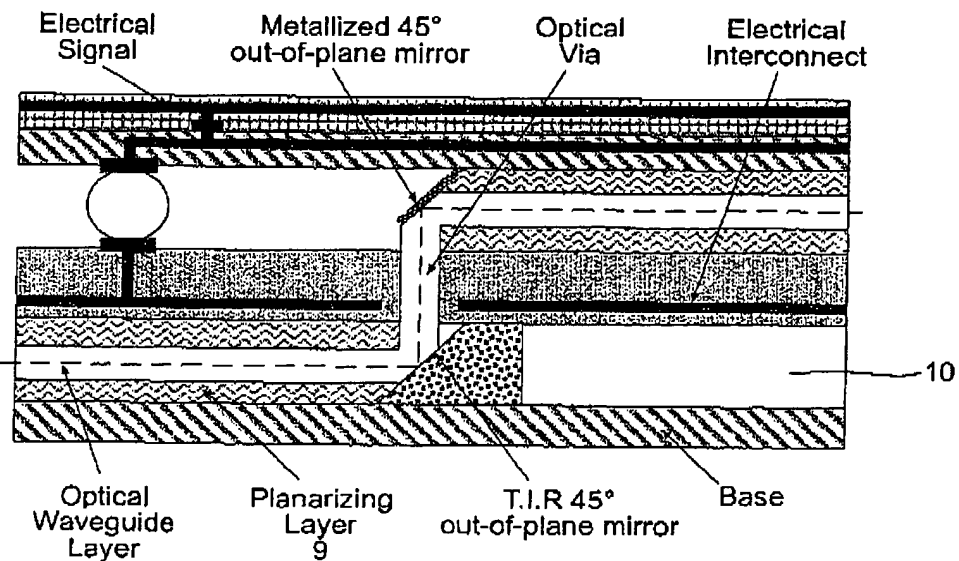
Respectfully,

Kanti Jain, Inventor

By   
Carl C. Kling, Attorney  
(Reg. 19,137)



### Figure 1



## Figure 2

MARSHALL, GERSTEIN & BORUN LLP  
ATTORNEYS AT LAW  
6300 SEARS TOWER  
233 SOUTH WACKER DRIVE  
CHICAGO, ILLINOIS 60606-6357  
(312) 474-6300  
FAX: (312) 474-0448

05/09/2006

FACSIMILE TRANSMISSION SHEET

TO: Carl Kling

914 345 2452

FROM: Richard H. Anderson

RE: Sent on Behalf of Richard H. Anderson

PAGES (INCLUDING THIS PAGE): 3

\*\*\*\*\*

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\*\*\*\*\*

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should 718223

<b>Notice of Non-Compliant Amendment (37 CFR 1.121)</b>	Application No. 10/119,823	Applicant(s)	
	Examiner 10/1718223	Art Unit	

- The MAILING DATE of this communication appears on the cover sheet with the correspondence address -

The amendment document filed on 5/10/06 is considered non-compliant because it has failed to meet the requirements of 37 CFR 1.121. In order for the amendment document to be compliant, correction of the following item(s) is required.

THE FOLLOWING MARKED (X) ITEM(S) CAUSE THE AMENDMENT DOCUMENT TO BE NON-COMPLIANT:

☐ 1. Amendments to the specification:

☐ A. Amended paragraph(s) do not include markings.

☐ B. New paragraph(s) should not be underlined.

☐ C. Other \_\_\_\_\_

☐ 2. Abstract:

☐ A. Not presented on a separate sheet 37 CFR 1.72.

☐ B. Other \_\_\_\_\_

☒ 3. Amendments to the drawings:

☒ A. The drawings are not properly identified in the top margin as "Replacement Sheet," "New Sheet," or "Annotated Sheet" as required by 37 CFR 1.121(d).

☐ B. The practice of submitting proposed drawing correction has been eliminated. Replacement drawings showing amended figures, without markings, in compliance with 37 CFR 1.84 are required.

☐ C. Other \_\_\_\_\_

☐ 4. Amendments to the claims:

☐ A. A complete listing of all of the claims is not present.

☐ B. The listing of claims does not include the text of all pending claims (including withdrawn claims)

☐ C. Each claim has not been provided with the proper status identifier, and as such, the individual status of each claim cannot be identified. Note: the status of every claim must be indicated after its claim number by using one of the following status identifiers: (Original), (Currently amended), (Canceled), (Previously presented), (New), (Not entered), (Withdrawn) and (Withdrawn-currently amended).

☐ D. The claims of this amendment paper have not been presented in ascending numerical order.

☐ E. Other: \_\_\_\_\_

For further explanation of the amendment format required by 37 CFR 1.121, see MPEP § 714 and the USPTO website at <http://www.uspto.gov/web/offices/pac/dapp/opa/preonnotice/officeflver.pdf>.

**TIME PERIODS FOR FILING A REPLY TO THIS NOTICE:**

1. Applicant is given **no new time period** if the non-compliant amendment is an after-final amendment or an amendment filed after allowance. If applicant wishes to resubmit the non-compliant after-final amendment with corrections, the **entire corrected amendment** must be resubmitted within the time period set forth in the final Office action.

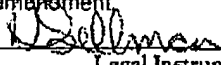
2. Applicant is given **one month, or thirty (30) days, whichever is longer**, from the mail date of this notice to supply the **corrected section** of the non-compliant amendment in compliance with 37 CFR 1.121, if the non-compliant amendment is one of the following: a preliminary amendment, a non-final amendment (including a submission for a request for continued examination (RCE) under 37 CFR 1.114), a supplemental amendment filed within a suspension period under 37 CFR 1.103(a) or (c), and an amendment filed in response to a Quayle action.

**Extensions of time** are available under 37 CFR 1.136(a) **only** if the non-compliant amendment is a non-final amendment or an amendment filed in response to a Quayle action.

**Failure to timely respond** to this notice will result in:

**Abandonment** of the application if the non-compliant amendment is a non-final amendment or an amendment filed in response to a Quayle action; or

**Non-entry** of the amendment if the non-compliant amendment is a preliminary amendment or supplemental amendment.

  
 Legal Instruments Examiner (LIE)

501-202-1046  
 Telephone No.

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## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10:718,233	11/19/2003	Jerome M. Klosowski	277023851T 10061	9906

4743 7590 04/14/2006  
MARSHALL, GERSTEIN & BORUN LLP  
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SEARS TOWER  
CHICAGO, IL 60606

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MARSHALL GERSTEIN

EXAMINER
POLLUS, SANDRA K
ART UNIT
PAPER NUMBER

1714

DATE MAILED: 04/14/2006

5/14/06

Please find below and/or attached an Office communication concerning this application or proceeding.

Forwarded  
to Carl Kling  
05/09/06

MAY 19 2006

PTO/SB/Z1 (09-04)

Approved for use through 07/31/2008. OMB 0651-0031

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<b>TRANSMITTAL FORM</b>	Application Number	10/718223
	Filing Date	11/20/2003
	First Named Inventor	Jain
	Art Unit	2883
	Examiner Name	Healy
(to be used for all correspondence after initial filing)		
Total Number of Pages In This Submission	13	Attorney Docket Number A304

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input checked="" type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Response to Notice of Non-Compliant Amendment w copy
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Anvik Corporation		
Signature	Carl C. Kling		
Printed name	Carl C. Kling		
Date	05/10/2006	Reg. No.	19137

CERTIFICATE OF TRANSMISSION/MAILING		
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:		
Signature	Carl C. Kling	
Typed or printed name	Carl C. Kling	Date
		05/10/2006

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Application of : Kanti Jain                      Docket : A304  
Serial Number : 10/718223                      Filing Date : 11/20/2003  
Title : PHOTONIC-ELECTRONIC CIRCUIT BOARDS  
Art Unit : 2883  
Examiner : Brian Healy  
Date of This Response: May 10, 2006

**RESPONSE TO NOTICE OF NON-COMPLIANT AMENDMENT**

The NOTICE OF NON-COMPLIANT AMENDMENT included comment concerning lack of legend "Replacement Sheet" on drawing amendment sheets. The attached drawing sheets have the legend "Replacement Sheet" in the top margin. Note that the application has been allowed.

Respectfully,

Kanti Jain, Inventor

By Carl C. Kling  
Carl C. Kling, Attorney  
(Reg. 19,137)

A304

1

# Replacement Sheet

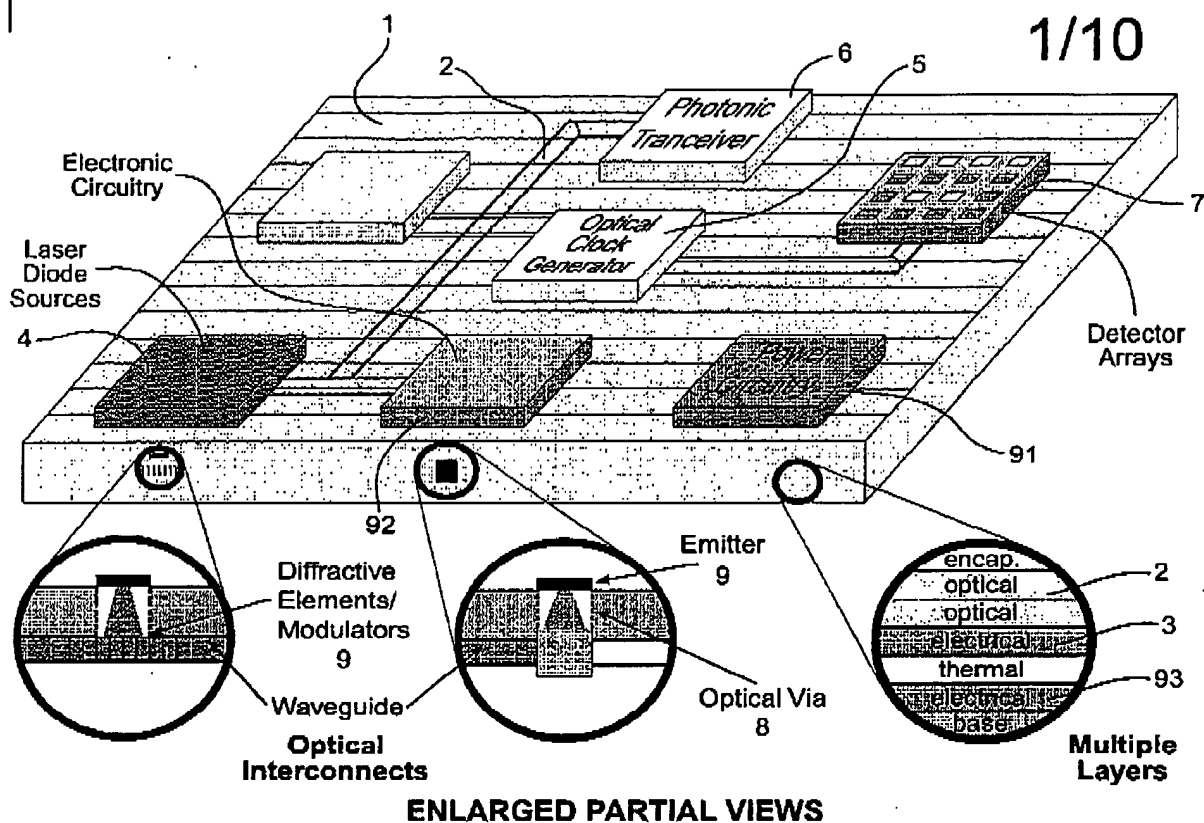


Figure 1

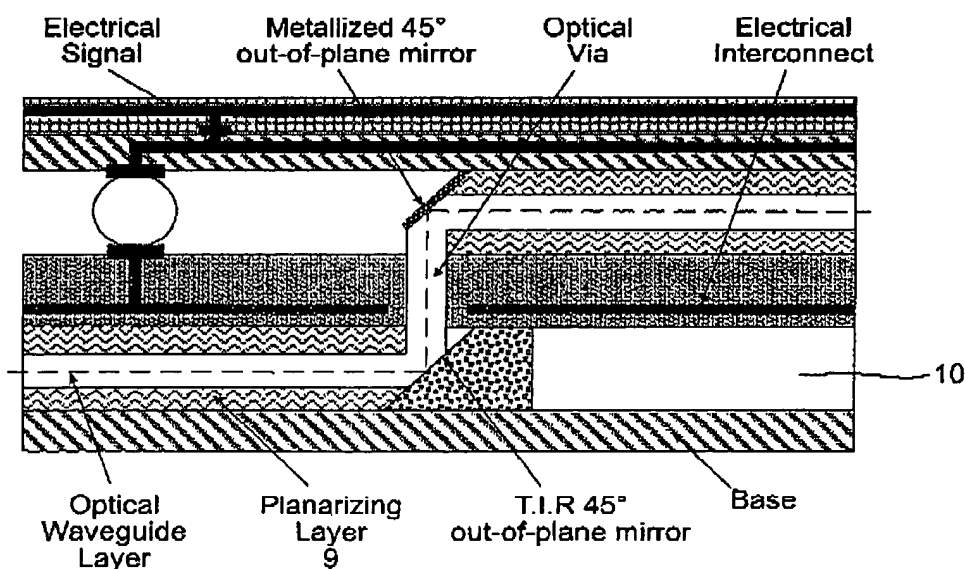


Figure 2





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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/718,223	11/20/2003	Kanti Jain	A304	9012
7590 05/11/2006				
Anvik Corporation 6 Skyline Drive Hawthorne, NY 10532				
EXAMINER HEALY, BRIAN				
ART UNIT PAPER NUMBER				
2883				

DATE MAILED: 05/11/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Notice of Abandonment**

Application No.

10/718,223

Applicant(s)

JAIN

Examiner

HEALY

Art Unit

2883

— The MAILING DATE of this communication appears on the cover sheet with the correspondence address—

This application is abandoned in view of:

1. ☒ Applicant's failure to timely file a proper reply to the Office letter mailed on 2/07/06.
  - (a) ☐ A reply was received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the period for reply (including a total extension of time of \_\_\_\_\_ month(s)) which expired on \_\_\_\_\_.
  - (b) ☐ A proposed reply was received on \_\_\_\_\_, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection. (A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).
  - (c) ☐ A reply was received on \_\_\_\_\_ but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).
  - (d) ☒ No reply has been received.
2. ☐ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
  - (a) ☐ The issue fee and publication fee, if applicable, was received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
  - (b) ☐ The submitted fee of \$\_\_\_\_\_ is insufficient. A balance of \$\_\_\_\_\_ is due.  
The issue fee required by 37 CFR 1.18 is \$\_\_\_\_\_. The publication fee, if required by 37 CFR 1.18(d), is \$\_\_\_\_\_.
  - (c) ☐ The issue fee and publication fee, if applicable, has not been received.
3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
  - (a) ☐ Proposed corrected drawings were received on \_\_\_\_\_ (with a Certificate of Mailing or Transmission dated \_\_\_\_\_), which is after the expiration of the period for reply.
  - (b) ☐ No corrected drawings have been received.
4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.
5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.
6. ☐ The decision by the Board of Patent Appeals and Interference rendered on \_\_\_\_\_ and because the period for seeking court review of the decision has expired and there are no allowed claims.
7. ☐ The reason(s) below:

lgd

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.

U.S. Patent and Trademark Office  
PTOL-1432 (Rev. 04-01)

Notice of Abandonment

Part of Paper No. 0